INDEX TO VOLUME VIII

AUTHORS INDEX

In this index following the author's name the full title of the subject is given as it appeared in the Journal. Editorials are also included in the list and are indicated by (*E*).

A

ARNOLD, LLOYD. Bacteriophage phenomena. I., 720
—. Bacteriophage phenomena. II., 813
—. Changes in the streptococci flora of the throat during diphtheria, 389
—. (*See* Brody and Arnold), 367
—. (*See* Lee and Arnold), 462
ATKINSON, HARRY V., AND ETS, HAROLD N. Chemical changes of the blood under the influence of drugs. II., Morphine, 170

B

BARBOUR, H. G., AND LOZINSKY, E. Nontoxicity and antipyretic efficiency of tolysin (ethyl ester of paramethylphenylcinchoninic acid), 217
BIRCHARD, DORA E. Loss of sugar in oxalated blood, 346
BOGEN, EMIL. A clinical test for liver function, 619
BOGGS, GEORGE G., AND MCELLROY, W. S. A note on the determination of urea in blood by the Folin and Wu method. A modified apparatus, 254
BONAR, M. L. Deterioration of procain solutions, 391
BOWIE, D. J., AND ROBINSON, W. L. Histological study of muscle degeneration produced by local injections of insulin, 569
BRILL, I. C. The effect of a normal meal upon the blood sugar level in health and in certain conditions of disease, 727
BRODY, LOUIS, AND ARNOLD, LLOYD. The pathogenicity of streptococci from diphtheria throats for mice, 387
BRODGEN, JAMES CHESTER. Actinomycosis of the gastrointestinal tract: A study of fourteen cases, 180
BROUGH, G. A. A suggestion for a practical spirometer valve, 278
BROWN, H., AND RAIZISS, G. W. The estimation of uric acid in blood, 129
BROWN, ORVILLE HARRY. New points in physiology of digitalis therapy, 495
BUNKER, CHARLES W. O. (*See* Thrasher and Bunker), 816
BURGE, W. E., AND LEICHSENRING, J. M. The effect of warm and cold weather on the blood catalase, 33
BUTTS, DONALD C. A. Technic for the removal and transplantation of rat and mouse tumors, 545

C

CHILLINGWORTH, FELIX P. A substitute for the long roll kymograph, 52
COLE, WILLIAM. (*See* Sutton and Cole), 589
CONSTABLE, MARY G. (*See* Sheppe and Constable), 757
COOPER, MERLIN, L. A continuous water still for a bacteriological laboratory, 58
CORNWALL, LEON H., AND SCHMITT, GEORGE PHILIPP. An automatic distributing apparatus, 56
CROLL, HILDA M. (*See* Kast, Croll and Myers), 227
CUTTING, REGINALD ALEX. A simple technic for the preparation of a spinal (headless) animal, 44

D

DE EDS, FLOYD. A simple apparatus for continuous extraction of liquids by liquids lighter than water, 125
DOUGLAS, BEVERLY. A portable irrigation apparatus for the treatment of wounds with liquid antiseptics, 684
DRAGSTEDT, CARL A. (*See* Dragstedt, Dragstedt and Nisbet), 190
DRAGSTEDT, LESTER R., DRAGSTEDT, CARL A., AND NISBET, OLIVER M. Intestinal antisepsis. Effect of antiseptics on a type of experimental intestinal toxemia, 190
DRUSKIN, S. J. (*See* Mirkin and Druskin), 334, 395
DUTTON, L. O. Some observations on the large mononuclear index in chronic appendicitis, 473

E

EGERER-SEHAM, GRETE. Ultrafiltration of blood serum and cerebrospinal fluid with special reference to a new apparatus, 818

EDMUNDS, CHARLES W., AND LLOYD, PUTNAM C.: The importance of the adrenal glands in the action of certain alkaloids, 563
EDWARDS, A. C. (*See* Morgulis, Edwards, and Leggett), 339
ETS, HAROLD N. (*See* Atkinson and Ets), 170

F

FALLER, ALBERT. Wassermann systems, 480
FEINBLATT, HARRY M. Hyperglycemia—based upon a study of 2000 blood chemical analyses, 500
—. The quantitative flocculation test for syphilis. A comparison of 500 cases with the Wassermann, using a simplified Sachs-Georgi technic, 200
FINNER, LUCY L. (*See* Hubbard and Finner), 605
FISHBERG, ARTHUR M. Investigations on the double type of the receptors in the typhoid-paratyphoid group and their significance for the Widal reaction, 806
FITCH, CLYDE M. (*See* Morse and Fitch), 692
FOORD, ALVIN G. Blood counts with oxalated blood compared with ordinary counts, 343
FRASER, DONALD T. White mice and the assay of insulin, 425

G

GAUSS, HARRY. The evolution of clinical pathology, 703
GLAISTER, ARTHUR H. An emergency microtome, 611
GOECKEL, HENRY J. A mask for the alveolar air testing outfit, 124
—. A simple method to determine the coagulation time of the blood, 122
GRANT, DUDLEY H. The pharmacology of isopropyl alcohol, 382
GRANT, MARGARET S. Diagnostic value of the Kahn test for syphilis, 468
GRAVES, ISABELLE A. (*See* Van Saun and Graves), 406
GUENTHER, A. E., AND LAWSON, HOMER C. A class demonstration of intestinal activity, 60

H

HACKING, RAYMOND F. A simple air interrupter, 687
HADEN, RUSSELL L. A method for the determination of hemoglobin, 411
—. An apparatus for cleaning blood counting pipettes, 276
—. A simple method for calculating the basal metabolic rate, 272
—. The differential leucocyte count in chronic periapical dental infection, 731
HASKINS, HOWARD D., AND HOLBROOK, WILLIAM P. Adaptation of Shaffer's titration method for blood sugar to clinical use, 747
HEINEKAMP, W. J. R. The action of morphine, codeine and apomorphine as shown by perfusion of the medulla of the terrapin (pseudomys troosti), 165
—. The central influence of atropine and hyoscine on the heart rate, 104
HIGGINS, JOHN A. (*See* Nielsen and Higgins), 440
HINKELMAN, A. J. Hematometric differential counting, 196
HOLBROOK, WILLIAM P. (*See* Haskins and Holbrook), 747
HOLLINGSWORTH, M. W. A simple method for computation of metabolic determinations by the use of the slide rule, 538
HOWE, PAUL E. Note on the comments of Reznikoff on the use of sodium sulphate as a precipitant of "Pseudoglobulin," 408
HOXIE, GEORGE HOWARD. Basal metabolism and blood sugar tolerance, 112
HUBBARD, ROGER S., AND FINNER, LUCY L. The determination of uric acid in blood by the method of Folin and Wu, 605

I

IVY, A. C. (*See* Meyer and Ivy), 37

J

JABLONS, BENJAMIN. The effect of buffer salts on blood coagulation, 679
JACKSON, D. E. The pharmacological action of isopropylethylbarbituric acid, 23
JOHN, HENRY J. The interpretation of blood sugar estimations that are near the normal, 145
JOHNSON, ETHEL M. (*See* Sweany and Johnson), 506
JOHNSTON, D. A. Formaldehyde test in lues, 277

K

KAPSINOW, ROBERT. (*See* Underhill and Kapsinow), 289
KAST, LUDWIG, CROLL, HILDA M., AND MYERS, VICTOR C. The excretion of sugar in the urine in health and disease, 227
KAWAMURA, KYOICHI. (*See* Mann and Kawamura), 528
KEEGAN, J. JAY. (*See* Moates and Keegan), 825
KELLERT, ELLIS. Pathogenicity of organisms commonly regarded as saprophytes, 176
KERLEY, E. JANE. (*See* Langworthy and Kerley), 54

KILDUFFE, ROBERT A. A plea for a standardized method of reporting Wassermann tests, 341
—. Concerning the formaldehyde-gel reaction in the diagnosis of syphilis, 409
—. Concerning the specificity of cholesterinized antigens in the serologic diagnosis of syphilis. Third communication, 279
KIPNIS, HERMAN B. The significance of negative results in blood cultures, 651
KLOTZ, OSKAR. The preservation of natural colors in gross specimen, 514
KORNS, H. M., AND WARNICK, E. J. Modified electrode for use in clinical electrocardiography, 128
— AND —. Technical principles in radial transmission sphymography, 256
KRUMBHAAR, EDWARD. Reticulosis — Increased percentage of reticulated erythrocytes in the peripheral blood, 11

L

LANGWORTHY, H. VIRGINIA, AND KERLEY, E. JANE. The practical value of an ice-water bath for use in the complement-fixation test for syphilis, 54
LAWSON, HOMER C. (*See* Guenther and Lawson), 60
LEE, R. H., AND ARNOLD, LLOYD. The increase in virulency of nonpathogenic microorganism by chemical substances, 462
LEGGETT, ELIZABETH A. (*See* Morgulis, Edwards, and Leggett), 339
LEICHSENRING, J. M. (*See* Burg and Leichsenring), 33
LEPAK, JOSEPH. New animal holders and mouth gags, 542
LEVINE, B. S. A simple method for obtaining guinea pigs' blood for complement, 696
—. Basal metabolic rates in some of the psychoneuroses, 775
—. Gastric analysis and the constancy of the percentile relationship among the titrable factors of the gastric secretion, 612
—. The technic of basal metabolic rate determination in psychoneurotic patients, 73
LEVINSON, A. Clinical and laboratory procedures in pediatrics, 357, 429, 525, 579, 664, 736, 790
LLOYD, PUTNAM C. (*See* Edmunds and Lloyd), 563
LOZINSKY, E. (*See* Barbour and Lozinsky), 217
LYON, M. W. JR., AND TRAGER, VERA B. Preservation of complement serum with 25 per cent sodium chloride, 48

M

MACCARTY, WILLIAM C. The relation of fibrosis and hyalinization to longevity in cancer, 42
MCCLENDON, J. F., AND MARCH, KENNETH. Some points in metabolism usually neglected by the physician, 194
MCELLROY, W. S. (*See* Boggs and McEllroy), 254
MCKINLEY, EARL B. Notes on D'Herelle's phenomenon. Adaptation of bacteriophage antagonistic to bacillus dysenteriae and other bacilli to various cocci. Development of a polyvalent bacteriolysant, 311
MCNALLY, WILLIAM D. A report of seven cases of nicotine poisoning, 83
MAGOUN, JAMES A. H., JR. Method of dividing the urinary bladder for experimental purposes, 136
MANN, FRANK C., AND KAWAMURA, KYOICHI. Duodenectomy, report of experiment four years after operation, 523
MARCH, KENNETH. (*See* McClendon and March), 194
MARSH, H. LARUE. The quantitative estimation of iodine in urine, 271
MEYER, JACOB, AND IVY, A. C. Studies on gastric and duodenal ulcer: The relation of epigastric hernia to gastric ulcer—A clinical and experimental study, 37
MILLS, C. A. A new method for sterilizing proteins and other colloidal compounds without denaturization, 134
MIRKIN, A. A gasometric method for the determination of urea nitrogen in the blood, 50
—. AND DRUSKIN, S. J. A simplified technic for clinical blood chemistry, 395
—AND—. A new method for the determination of calcium, magnesium, potassium and sodium in human blood, 334
MOATES, GUY H., AND KEEGAN, J. JAY. Method and diagnostic value of quantitative determination of sugar in the cerebrospinal fluid, 825
MORGULIS, SERGIUS EDWARDS, A. C., AND LEGGETT, ELIZABETH A. A modification of the Folin-Wu blood sugar method, 339
MORSE, STERNE, AND FITCH, CLYDE M. The Kottmann reaction for thyroid activity. Carbon dioxide in the tested serum, 692
MYERS, VICTOR C. (*See* Kast, Croll and Myers), 227

N

NELSON, ERWIN E. The biological assay of pituitary extract, 318
NIELSEN, CARL, AND HIGGINS, JOHN A. Safety of local anesthetics, 440
NISBET, OLIVER M. (*See* Dragstedt, Dragstedt, and Nisbet), 190

O

OLIVER, SYMMES F. The etiology of gallstones, 242
OTTENBERG, REUBEN, AND WISLER, IDA. The standard Wassermann reaction, 690

P

PAGE, IRVINE H. On the normal urine sugar curve in normal individuals, borderline diabetics and severe diabetics under insulin treatment, 631
PARSONS, ELOISE. (*See* Tatum and Parsons), 63
PETERSEN, A. J. Mixed tumors of the uterus, 369
PILCHER, J. D., AND SOLLMANN, TORALD. Organic, portein and colloidal silver compounds; their antiseptic efficiency and silver-ion content as a basis for their classification, 301
PORTMANN, U. V. The efficiency of radiation therapy, 716

Q

QUICK, ARMAND J. The estimation of albumin in urine, 615

R

RAIZISS, G. W. (*See* Brown and Raiziss), 129
RAY, HENRY M. A fatal case of bacillus acidi lactici meningitis with autopsy findings and review of bacillus mucosus infection, 260
REIMANN, HOBART A. The relative value of some of the commonly used methods for the detection of occult blood in the stool, 265
REZNIKOFF, PAUL. The action of proteins and blood serum on colloidal gold solution and its quantitative interpretation, 92
ROBINSON, W. L. (*See* Bowie and Robinson), 569
ROSENBLOOM, JACOB. A study of the ammonia present in gastric contents following test meals, 755
—. A study of the relation between the presence of indican and of uroroseinogen in the urine in certain diseases, 610
—. A useful urinary finding in the diagnosis of hydronephrosis and pyonephrosis, 621
—. Familial hypertension with report of a case, 681
—. Report of case of chronic hydrocyanic acid poisoning, 258
ROSS, ELLISON L. Temporary disturbances due to local anesthetics, 1
—. Toxicity of cocain as influenced by rate of absorption and presence of adrenalin, 656
RYPINS, HAROLD. (*See* Stern and Rypins), 86

S

SCHMITT, GEORGE PHILIPP. (*See* Cornwall and Schmitt), 56
SCHMITZ, HERBERT W. Comparative concentration of urea in the blood and saliva in a series of pathologic cases, 78
SCHULTZ, EDWIN W. The pseudospirochetes derived from red blood cells, 375
SENTY, ELMER G. A comparative study of various methods of hemoglobin determination, 591
SHEPPE, WM. H., AND CONSTABLE, MARY G. An unsuspected source of error in the gram stain, 757
SOLLMANN, TORALD. (*See* Pilcher and Sollmann), 301
SPENCER, GEORGE F. Estimations of the amount of pancreatic enzymes in duodenal fluid by a modified Gautier's method. I, 741
STEINFIELD, EDWARD. A study of the yeasts found in the sputum of patients with asthma and chronic bronchitis, 744
STERN, D., AND RYPINS, HAROLD. The local Wassermann in the early diagnosis of primary syphilis, 86
STEWART, WALTER BLAIR. Atresia of the pulmonary artery in a congenitally defective heart, 454
STRICKLER, ALBERT. Concerning the influence of the intravenous administration of mercury benzoate on the Wassermann reaction of apparently normal individuals, 465
SUTTON, IRWIN S., AND COLE, WILLIAM. Report of a case of erythremia, 589
SWEANY, H. C. (*See* Weathers and Sweany), 252
—. The effect of phenol in the estimation of reducing sugars in the picramic acid methods, 572
—. AND JOHNSON, ETHEL M. An investigation on the picramic acid methods for blood sugar, 506
SZILLARD, PAUL. A method for the isolation of white blood cells, 661

T

TATUM, ARTHUR L., AND PARSONS, ELOISE. Barbital as an anesthetic for dogs, 63
TAYLOR, N. B. Observations upon the blood flow in man, 153
TERRY, B. T. The rapid preparation of polychrome methylene blue stains for frozen sections of fresh and fixed tissue, 157
THALHIMER, WILLIAM. Artifacts in blood culture plates simulating colonies, 46
THRASHER, ROBERT L., AND BUNKER, CHARLES W. O. Sugar in urine, 816
TRAGER, VERA B. (*See* Lyon and Trager), 48
TRIMBLE, WILLIAM K. A modified Sahli hemoglobinometer, 138

U

UNDERHILL, FRANK P., AND KAPSINOW, ROBERT. New experiments with Vaughan's crude soluble poison, 289

V

VAN SAUN, ANNA I., AND GRAVES, ISABELLE A. A successful method for the isolation of diphtheria bacilli from mixed cultures, 406

VAUGHAN, VICTOR C. A brief sketch of the early history of industrial hygiene (*E*), 627

—. A death caused by ascarides (*E*), 71

—. Ambroise Paré (*E*), 418

—. A transfer to younger shoulders (*E*), 702

—. Epidemic yaws in the Philippines (*E*), 421

—. Epidemiology and bacteriology (*E*), 209

—. Life and problems under a medical Utopia (*E*), 699

—. Position of doctors in the province of Nikolaev, Ukraine (*E*), 286

—. Proposed changes in the medical curriculum (*E*), 490

—. Sprue in Porto Rico, (*E*), 215

—. The black death of the fourteenth century, (*E*), 556

—. The excretion of potassium iodid as a test of renal function, (*E*), 69

—. The possibility of extending human life (*E*), 622

—. The preparation of staining solutions (*E*), 287

—. The present endemicity of yellow fever (*E*), 287

—. The relapsing-fever spirochete of Panama (*E*), 70

—. Treatment of hookworm infection with carbon tetrachlorid (*E*), 68

—. Typhus fever in Boston (*E*), 70

—. War nephritis (*E*), 71

VAUGHAN, WARREN T. Achlorhydria (*E*), 416

—. A new liver function test (*E*), 285

—. At last, the bed bug (*E*), 833

—. Bismuth as a substitute for arsphenamine (*E*), 282

—. Flocculation and precipitation reactions (*E*), 213

—. Incompatible blood and eclampsia (*E*), 415

—. Insulin therapy (*E*), 761

—. Modifications of Gram's stain (*E*), 207

—. Present status of the use of quinidine in auricular fibrillation (*E*), 140

—. Ray therapy for deafness and tinnitus (*E*), 625

—. Sodium chlorid restriction in hypertension (*E*), 829

—. The original daily dozen (*E*), 420

—. Therapy of neurosyphilis (*E*), 350

—. Uremia (*E*), 485

—. Vaccine treatment in the presence of infection (*E*), 549

W

WARNICK, E. J. (*See* Korns and Warnick), 128, 256

WEATHERS, ARMADA T., AND SWEANY, H. C. An aeration apparatus for the determination of urea in blood, 752

WEBB, GERALD B. Variations of virulence in tubercle bacilli (*E*), 65

WEISS, EMIL. The employment of vegetable extracts in the Wassermann reaction, 476

WILLIAMS, B. G. R. Cresylecht violet, a rare dye, 250

WILLIAMSON, CARL S. Some observations on blood sugar and the alleged glycosuria following operative procedures on thoracic duct, 19

WILLIUS, FREDERICK A. Ventricular fibrillation in man with temporary cardiac recovery, 518

WISLER, IDA. (*See* Ottenberg and Wisler), 690

SUBJECT INDEX

A

Achlorhydria, 416
Actinomycosis of the gastrointestinal tract, 180
Adrenal glands, importance of, in the action of certain alkaloids, 563
Adrenalin, toxicity of cocain as influenced by rate of absorption and presence of, 656
  disturbances due to, 3
Aeration apparatus for the determination of urea in blood, 752
Air interrupter, a simple, 687
Albumin in urine, estimation of, 615
Alkaloids, importance of the adrenal glands in the action of certain, 563
Alveolar air testing outfit, mask for, 124
Ambroise Paré, 418
Ammonia present in gastric contents following test meals, 755
Anesthetic for dogs, barbital as an, 64
Anesthetics, local, temporary disturbances due to, 1
  safety in local, 440
Animal holders and mouth gag, 542
Antipyretic efficiency of tolysin, 217
Antisepsis, intestinal, 190
Antiseptics, liquid, portable irrigation apparatus for the treatment of wounds with, 684
Apomorphine, action of, as shown by perfusion of the medulla of the terrapin, 165
Appendicitis, chronic, large mononuclear index in, 473
Arsphenamine, bismuth as a substitute for, 282
Artifacts in blood culture plates simulating colonies, 46
Ascarides, death caused by, 71
Asthma, and chronic bronchitis, yeasts found in the sputum of patients with, 744
Atresia of the pulmonary artery in a congenitally defective heart, 454
Atropine and hyoscine, central influence of, on the heart rate, 104
Auricular fibrillation, quinodine in, present status of use of, 140
Automatic distributing apparatus, 56

B

Bacillus acidi lactici meningitis with autopsy findings and review of bacillus mucosus infection, 260
  dysenteriae, adaptation of bacteriophage antagonistic to, 311
  mucosus infection, 260
Bacteriological laboratory, continuous water still for, 58
Bacteriology, 702
  and epidemiology, 209
Bacteriophage, adaptation of, antagonistic to bacillus dysenteriae and other bacilli of various cocci, 311
  phenomena, 720, 813
Barbital as an anesthetic for dogs, 64
Basal metabolism and blood sugar tolerance, 112
  metabolic rate, a simple method for calculating, 272
    determination of, in psychoneurotic patients, 73
    rates in some of the psychoneuroses, 775
Bed bug, 833
Biological assay of pituitary extract, 318
Bismuth as a substitute for arsphenamine, 282
Black death of the fourteenth century, 555
Bladder, urinary, method of dividing for experimental purposes, 136
Blood catalase, effect of warm and cold weather upon, 33
  cells, red, pseudospirochetes derived from, 375
    white, method for isolation of, 661
  chemical changes of, under the influence of drugs, 171
  chemistry, clinical, a simplified technic for, 395
    in children, 525
  coagulation, effect of buffer salts on, 679
    time of, a simple method to determine, 122
  counting pipettes, an apparatus for cleaning, 276
  counts with oxalated blood compared with ordinary counts, 343
  culture plates, artifacts in, simulating colonies, 46
  cultures, significance of negative results in, 651
  examination in children, 429
  flow in man, observations upon, 153
  incompatible, and eclampsia, 415
  oxalated, loss of sugar in, 346
  serum and proteins, action of, on colloidal gold solution and its quantitative interpretation, 92
    and cerebrospinal fluid, ultrafiltration of, with special reference to a new apparatus, 818
  stains, 143
  sugar, adaptation of Schaffer's titration method for, 747

Blood sugar—Cont'd
estimations that are near the normal, interpretation of, 145
level, effect of normal meal upon the, in health and in certain conditions of disease, 727
modification of Folin-Wu method for, 339
picramic acid methods for, 506
some observations on, and alleged glycosuria following operative procedures on the thoracic duct, 19
tolerance, basal metabolism and, 112
urea in, aeration apparatus for determination of, 752
determination of, by Folin and Wu method, 254
nitrogen of, gasometric method for determination of, 50
uric acid in, determination of, by method of Folin and Wu, 605
estimation of, 129
Bones and joints, roentgenography of, in children, 800
Buffer salts, effect of, on blood coagulation, 679

C

Calcium in human blood, method for determination of, 334
Cancer, fibrosis and hyalinization in relation to longevity in, 42
Carbon dioxide in tested serum, 692
tetrachlorid, treatment of hookworm infection with, 68
Catalase, blood, effect of warm and cold weather upon, 33
Central influence of atropine and hyoscine on the heart rate, 104
Cerebrospinal fluid, examination of, in children, 664
method and diagnostic value of quantitative determination of sugar in, 825
Chemical changes of the blood under the influence of drugs, 170
substances, increase in virulency of nonpathogenic microorganisms by, 462
Chemistry, blood, a simplified technic for clinical, 395
of tuberculosis, 773
Children, blood chemistry in, 525
examination of cerebrospinal fluid in, 664
of stool in, 736
of urine in, 579
indications for blood examination in, 429
lavage and gavage in, 740
physical examination, 361
roentgenography in, 790
Cholesterinized antigens, specificity of, in the serologic diagnosis of syphilis, 279
Class demonstration of intestinal activity, 60
Clinical and laboratory procedures in pediatrics, 357, 429, 525, 579, 664, 736, 790
medicine, 561
pathology, evolution of, 703
Coagulation, blood, effect of buffer salts on, 679
time of blood, a simple method to determine, 122
Cocaine, disturbances due to, 3
toxicity of, as influenced by rate of absorption and presence of adrenalin, 656
Codeine, action of, as shown by perfusion of the medulla of the terrapin, 165
Colloidal compounds, sterilizing without denaturization, 134
gold solution, action of proteins and blood serum on, and its quantitative interpretation, 92
Colloids in biology and medicine, 774
Complement serum, preservation of, with 25 per cent sodium chloride, 48
fixation test for syphilis, ice-water bath for use in, 54
simple method of obtaining guinea pig blood for, 696
Concentration of urea in blood and saliva, comparative, 78
Continuous water still for a bacteriological laboratory, 58
Cresylecht violet, a rare dye, 250
Curriculum, medical, proposed changes in, 490

D

Deafness and tinnitus, ray therapy for, 625
Denaturization, sterilization of proteins and colloidal compounds without, 134
Dental infection, chronic periapical, differential leucocyte count in, 731
Deterioration of procain solutions, 391
D'Herelle's phenomenon, notes on, 311
Diabetes, borderline, under insulin treatment, 642
Diabetics, severe, under insulin treatment, 643
Differential counting, hematometric, 196
Digitalis therapy, physiology of, 495
Diphtheria bacilli, isolation of, from mixed cultures, 406
changes in the streptococci flora of the throat during, 389
pathogenicity of streptococci from, 387
Distributing apparatus, automatic, 56
Duodenectomy, report of experiment four years after operation, 523
Dye, cresylecht violet, 250

E

Eclampsia and incompatible blood, 415
Electrocardiography, modified electrode for use in clinical, 128
Electrode, modified, for use in clinical electrocardiography, 128

Emergency microtome, 611
Endemicity of yellow fever, 287
Epidemiology and bacteriology, 209
Epidemic yaws in the Philippines, 421
Epigastric hernia, relation of, to gastric ulcer, 37
Erythremia, report of a case, 589
Erythrocytes, reticulated, in peripheral blood, 11
Ethyl ester of paramethylphenylcinchoninic acid, 217
Etiology of gallstones, 242

F

Familial hypertension, 681
Fibrillation, ventricular, in man with temporary cardiac recovery, 518
Fibrosis and hyalinization, relation of, to longevity in cancer, 42
Fixed tissue stain, 160
Flocculation and precipitation reactions in diagnosis of syphilis, 212
test, quantitative, for syphilis, 200
Fluoroscopy in children, 790
Folin and Wu method of determining urea in blood, 254
of determining uric acid in blood, 605
sugar method, modification of, 339
Food tolerance test, 727
Formaldehyde-gel reaction in the diagnosis of syphilis, 409
Formaldehyde test for lues, 277
Frozen sections of fresh and fixed tissue, polychrome methylene blue stains for, 157

G

Gallstones, etiology of, 242
Gastric analysis and the constancy of the percentile relationship among the titrable factors of the gastric secretion, 612
and duodenal ulcer, studies on, 37
contents, ammonia present in, following test meals, 755
ulcer, relation of epigastric hernia to, 37
Gastrointestinal conditions in children, 797
tract, actinomycosis of the, 180
Gasometric method for determination of urea nitrogen in the blood, 50
Gautier's method, modified, for estimation of the amount of pancreatic enzymes in duodenal fluid, 741
Gavage and lavage, in children, 740
Glycosuria, 113
and hyperglycemia, relation between, 504
following operative procedures on the thoracic duct, 19
Gram's stain, modifications of, 207
unsuspected source of error in, 757
Gross specimens, preservation of natural colors in, 514
Guinea pig blood, for complement, a simple method for obtaining, 696

H

Headless animal, preparation of, 44
Heart conditions in children, 796
Hematometric differential counting, 196
Hemoglobin, determination of, 411
determinations, comparative study of various methods of, 591
Hemoglobinometer, Sahli, 138
Histological study of muscle degeneration produced by local injections of insulin, 569
Holder for animals, 542
Hookworm infection, treatment of, with carbon tetrachlorid, 68
Human life, possibility of extending, 622
Hyalinization and fibrosis, relation of, to longevity in cancer, 42
Hydrocyanic acid poisoning, report of a case of chronic, 258
Hydronephrosis and pyonephrosis, useful urinary finding in diagnosis of, 621
Hyperglycemia, 500
Hypertension, familial, 681
sodium chlorid restriction in, 829
Hyoscine and atropine, central influence of, on the heart rate, 104

I

Ice-water bath for use in complement-fixation test for syphilis, 54
Indican and uroroseinogen in the urine in certain diseases, relation between presence of, 610
Industrial hygiene, a brief sketch of the early history of, 627
Infection, vaccine treatment in the presence of, 549
Insulin, muscle degeneration produced by local injection of, 569
therapy, 761
treatment, urine sugar curve during, 631
white mice and the assay of, 425
Interpretation of blood sugar estimations that are near the normal, 145
Interrupter, air, 687
Intestinal antisepsis, 190
activity, class demonstration of, 60
toxemia, experimental, effect of antiseptics on, 190
Intravenous administration of mercury benzoate, influence of, on the Wassermann reaction of apparently normal individuals, 465
Iodine in urine, quantitative estimation of, 271
Irrigation apparatus, portable, for the treatment of wounds with liquid antiseptics, 684
Isopropyl alcohol, pharmacology of, 382
Isopropylethylbarbituric acid, pharmacological action of, 23

K

Kahn test for syphilis, diagnostic value of, 468
Kottmann reaction for thyroid activity, 692
Kymograph, long roll, a substitute for, 52

L

Laboratory technic, 562
Lavage and gavage in children, 740
Leucocyte count, differential, in chronic periapical dental infection, 731
Life and problems under a medical utopia, 699
Liquids, continuous extraction of, by liquids lighter than water, 125
Liver function, clinical test for, 619
test, a new, 285
Local anesthetics, safety in, 440
temporary disturbances due to, 1
Wassermann in early diagnosis of primary syphilis, 86
Lues, formaldehyde test for, 277
Lungs and pleura, diseases of, in children, 791

M

Magnesium in human blood, new method for determination of, 334
Mask for alveolar air testing outfit, 124
Materia medica for dentists, 493
Meal, normal, effect of, on blood sugar level in health and in certain conditions of disease, 727
Medical curriculum, proposed changes in, 490
Mercury benzoate, influence of intravenous administration of Wassermann reaction in apparently normal individuals, 465
Metabolic, basal, rates in some psychoneuroses, 775
determinations, simple method for computation of, by slide rule, 538
rate, basal, a simple method for calculating, 272
Metabolism, some points in, usually neglected by the physician, 194
Microscopic examination of foods and drugs, 630
Microtome, emergency, 611
Milk analysis, standard methods of, 771
Mixed cultures, isolation of diphtheria bacilli from, 406
tumors of the uterus, 369
Modern microscopy, 630
Mononuclear index, large in chronic appendicitis, 473
Morphine, chemical changes of blood under influence of, 170
codeine and apomorphine, action of, as shown by perfusion of the medulla of the terrapin, 165
Mouse and rat tumors, removal and transplantation of, 545
Mouth gag for animals, 542
Muscle degeneration produced by local injections of insulin, histological study of, 569

N

Negative results in blood cultures, significance of, 651
Neurasthenias, 783
Neurosyphilis, therapy in, 350
Nicotine poisoning, 83
Nonpathogenic microorganisms, increase in virulency of, by chemical substances, 462
Nontoxicity and antipyretic efficiency of tolysin, 217

O

Occult blood in stool, commonly used methods for the detection of, 265
Organic, protein and colloidal silver compounds, their antiseptic efficiency and silver-ion content as a basis for their classification, 301
Original daily dozen, 420
Oxalated blood, blood counts with, compared with ordinary counts, 343
loss of sugar in, 346

P

Pain 773
Pancreatic enzymes in duodenal fluid, estimation of amount of, by a modified Gautier's method, 741
Pathogenicity of organisms commonly regarded as saphrophytes, 176
of streptococci from diphtheria throats for mice, 387
Pathology, clinical, evolution of, 703
Periapical dental infection, chronic, differential leucocyte count in, 731
blood, increased percentage of reticulated erythrocytes in, 11
Pharmaceutical and food analysis, 561
Pharmacological action of isopropylethylbarbituric acid, 23
Pharmacology, 629
of isopropylalcohol, 382
Phenol, effect of, in the estimation of reducing sugars by the picramic acid methods, 572
Physiological chemistry, 423
Physiology of digitalis therapy, 495
of twinning, 772
Picramic acid methods for blood sugar, investigation of, 506
acid method of reducing sugar, effect of phenol in the estimation of, 572
Pipettes, blood counting, an apparatus for cleaning, 276
Pituitary extract, biological assay of, 318
Plethora, artificial, experimental reticulosis in, 14

Poison, Vaughan's crude soluble, 289
Poisoning, nicotine, 83
Polychrome methylene blue stains for frozen section of fresh and fixed tissues, rapid preparation of, 157
Possibility of extending human life, 622
Potassium in human blood, new method for determination of, 334
iodid, excretion of, as a test of renal function, 69
Practical dietetics, 835
physics, 772
Practice of medicine, 493
Precipitation reactions in diagnosis of syphilis, 212
Preservation of natural colors in gross specimens, 514
Preventive medicine, 356
Procain solutions, deterioration of, 391
Protein and colloidal silver compounds, 301
Proteins and blood serum, action of, on colloidal gold solution and its quantitative interpretation, 92
sterilizing without denaturization, 134
Pseudoglobulin, sodium sulphate as a precipitant of, 408
Pseudospirochetes derived from red blood cells, 375
Psychoneuroses, basal metabolic rates in, 775
Psychoneurotic patients, basal metabolic rate determination in, 73
Pulmonary artery, atresia of the, in a congenitally defective heart, 454
Pyonephrosis and hydronephrosis, urinary finding in diagnosis of, 621

Q

Quinodine in auricular fibrillation, present status of use of, 140

R

Radial transmission sphygmography, technical principles in, 256
Radiation therapy, efficiency of, 716
Rat and mouse tumors, removal and transplantation of, 545
Ray therapy for deafness and tinnitus, 625
Receptors, double type, in typhoid-paratyphoid group and their significance for the Widal reaction, 806
Relapsing fever spirochete of Panama, 70
Renal function test, excretion of potassium iodid as, 69
Reticulosis, increased percentage of reticulated erythrocytes in the peripheral blood, 11
in infancy and diseases, 16
Roentgenography in children, 790

S

Sachs-Georgi technic, comparison with Wassermann, 200
Sahli hemoglobinometer, a modified, 138
Saliva, method of collecting, 79
Saprophytes, pathogenicity of organisms commonly regarded as, 176
Shaffer's titration method for blood sugar clinical use, 747
Silver-ion content of silver compounds, 301
Slide rule, computation of metabolic determinations by use of, 538
Sodium chlorid restriction in hypertension, 829
use of in preservation of complement serum, 48
in human blood, a new method for determination of, 334
sulphate as a precipitant of pseudoglobulin, 408
Specificity of cholesterinized antigens in the serologic diagnosis of syphilis, 279
Spectroscope, the, 836
Sphygmography, radial transmission, technical principles in, 256
Spinal (headless) animal, preparation of, 44
Spirometer valve, a suggestion for a practical, 278
Sprue in Porto Rico, 215
Stain, Gram's modification of, 207
Staining solutions, preparation of, 287
Stains, blood, 143
Standard Wassermann reaction, 690
Standardization of biological stains, 559
Standardized method of reporting Wassermann tests, 341
Sterilizing proteins and other colloidal compounds without denaturization, 134
Stool, detection of occult blood in, 265
examination of, in children, 736
Streptococci flora of the throat during diphtheria, 389
from diphtheria throats, pathogenicity of, 387
Strychnine, action of, on blood picture, 563
Sugar in cerebrospinal fluid, method and diagnostic value of quantitative determination of, 825
in urine, 816
excretion of, in health and diseases, 227
loss of, in oxalated blood, 346
Syphilis, flocculation and precipitation reactions in the diagnosis of syphilis, 212
formaldehyde-gel reaction in the diagnosis of, 409
Kahn test for, diagnostic value of, 468
local Wassermann in the early diagnosis of primary, 86
quantitative flocculation test for, 200

T

Test for liver function, clinical, 619
Therapy in neurosyphilis, 350
Thoracic duct, glycosuria following operative procedures on, 19

Thyroid activity, Kottmann reaction for, 692
Tolysin, nontoxicity and antipyretic efficiency of, 217
Toxicity of cocain as influenced by rate of absorption and presence of adrenalin, 656
Tubercle bacilli, variations of virulence in, 65
Tumors, mixed, of the uterus, 369
  rat and mouse, removal and transplantation of, 545
Typhus fever in Boston, 70

U

Ukraine, position of doctors in, 286
Ultrafiltration of blood serum and cerebrospinal fluid with special reference to a new apparatus, 818
Urea in blood, aeration apparatus for determination of, 752
  and saliva, comparative concentration of, 78
  determination of, by Folin and Wu method, 254
  nitrogen in the blood, gasometric method for determination of, 50
Uremia, 485
Urethra and urethroscope, 835
Uric acid in blood, estimation of, 129
  determination of, by method of Folin and Wu, 605
Urinary bladder, method of dividing for experimental purposes, 136
  finding in the diagnosis of hydronephrosis and pyonephrosis, 621
Urine, albumin in, estimation of, 615
  examination of, in children, 579
  excretion of sugar in, in health and disease, 227
  indican and uroroseinogen in, relation between presence of, 610
  iodine in, quantitative estimation of, 271
  sugar curve in, during insulin treatment, 631
  sugar in, 816
Uroroseinogen and indican, in urine in certain diseases, relation of, between presence of, 610
Uterus, mixed tumors of the, 369

V

Vaccine treatment in the presence of infection, 549
Vaughan's crude soluble poison, 289
Vegetable extracts, employment of, in Wassermann reaction, 476
Ventricular fibrillation in man with temporary cardiac recovery, 518
Virulence of tubercle bacilli, variations of, 65
Virulency of nonpathogenic microorganisms, increase in, by chemical substances, 462

W

War nephritis, 71
Wassermann, local, in the early diagnosis of primary syphilis, 36
  reaction of apparently normal individuals, influence of intravenous administration of mercury benzoate on, 465
    standard, 690
    vegetable extracts employed in, 476
  systems, 480
  tests, standardized method of reporting, 341
Weather, effect of warm and cold, on blood catalase, 33
White blood cells, a method for the isolation of, 661
  mice and the assay of insulin, 425
Widal reaction, double type of the receptors in the typhoid-paratyphoid group and their significance for, 806

Y

Yaws, epidemic, in the Philippines, 421
Yeasts found in the sputum of patients with asthma and chronic bronchitis, 744
Yellow fever, endemicity of, 287